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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/762,867	01/22/2004	Carl S. Kirkconnell	PD-03W067

John E. Gunther  
 Raytheon Company  
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 El Segundo, CA 90245-0902



CONFIRMATION NO. 5931

## FORMALITIES LETTER



\*OC000000016398348\*

Date Mailed: 06/28/2005

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract of the technical disclosure not exceeding 150 words in length and commencing on a separate sheet in compliance with 37 CFR 1.72(b) is required. An abstract was not provided for this application.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Office of Initial Patent Examination (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

*FW*

Patent  
PD-03W067



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	) Date: August 17, 2005
CARL S. KIRKCONNELL ET AL.	)
Serial No.: 10/762,867	) Art Unit: 3744
Filed: January 22, 2004	)
Title: <b>CRYOCOOLER WITH AMBIENT</b>	) Examiner:
<b>TEMPERATURE SURGE VOLUME</b>	

**RESPONSE TO**  
**NOTICE TO FILE CORRECTED APPLICATION PAPERS**  
**(Filing Date Granted)**

Mail Stop Missing Parts  
Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Corrected Application Papers, mailed June 28, 2005, Applicants hereby submit the following:

**ABSTRACT:**

An abstract of the technical disclosure not exceeding 150 words in length and commencing on a separate sheet in compliance with 37 CFR 1.72(b) is enclosed herewith.

**FEES:**

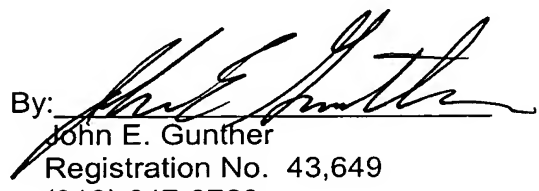
The Commissioner is hereby authorized to charge **Deposit Account No. 50-0616** of RAYTHEON COMPANY an amount necessary to cover the applicable fees for the filing of the required item.

The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to **Deposit Account No. 50-0616**. **A duplicate copy of this Response is submitted for this purpose.**

Respectfully submitted,  
CARL S. KIRKCONNELL

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By:

  
John E. Gunther  
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*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First-Class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313, on **August 17, 2005**.*

  
John E. Gunther